

CLAIMS

1. A mounting arrangement for the internal dividing means in refrigerators and freezers, having a cabinet (10) formed by an external box (11); at least one
5 internal box (12) defining a respective refrigeration compartment (C) provided with lateral walls (14), and a thermal insulator (13) injected between the external box (11) and the internal box (12), characterized in that it comprises: at least two holes (15)
10 horizontally spaced from other and produced through a respective lateral wall (14) of the internal box (12) and through part of the thickness of the adjacent portion of the thermal insulator (13); a tubular bushing (20) tightly fitted in each of said holes
15 (15); and at least one support member (40, 50) configured to support, laterally, an internal dividing means of the cabinet (10) and to incorporate at least one pin (30) to be fitted and axially removably retained in each of said tubular bushings (20),
20 securing the support means (40, 50) against a respective lateral wall (14) of the internal box (12) at a height which is defined upon the provision of the respective holes (15) in the already formed cabinet (10).
- 25 2. The mounting arrangement as set forth in claim 1, characterized in that the tubular bushing (20) comprises a front end portion (21), opened to the interior of the cabinet (10), and a median portion (22) and a rear end portion (23) which are positioned
30 in the interior of the thermal insulator (13), said rear end portion (23) presenting, internally, a diametrical widening (23a) in relation to the adjacent region of the median portion (22).
3. The mounting arrangement as set forth in claim 2,
35 characterized in that the interior of the median

portion (22) of the tubular bushing (20) is slightly frusto-conical, widening towards the front end portion (21).

4. The mounting arrangement as set forth in claim 2, characterized in that the front end portion (21) of the tubular bushing (20) incorporates, externally, a peripheral flange (21a) to be seated against the lateral wall (14) of the cabinet (10).

5. The mounting arrangement as set forth in claim 4, characterized in that the front end portion (21) of the tubular bushing (20) presents, externally, close to the peripheral flange (21a), a frusto-conical portion (21a), tapering towards the peripheral flange (21a) and which has an extension slightly larger than the thickness of the internal box (12), said frusto-conical portion (21b) having its diameter larger than the diameter of the respective hole (15) passing through the internal box (12).

6. The mounting arrangement as set forth in claim 2, characterized in that the rear end portion (23) of the tubular bushing (20) is closed.

7. The mounting arrangement as set forth in claim 2, characterized in that each pin (30) of a support member (40, 50) presents a tubular cross section, with an external contour which is similar to and slightly smaller than that of the internal cross section of the tubular bushing (30), and a free end portion (33) which is resiliently deformable in the radial direction and tightly fittable inside the diametrical widening (23a) of the respective tubular bushing (20), axially locking the pin (30) in the interior of the latter.

8. The mounting arrangement as set forth in claim 7, characterized in that the free end portion (33) of the pin (30) is longitudinally split.

9. The mounting arrangement as set forth in claim 1, characterized in that each support member (40, 50) takes the form of a rail incorporating, laterally, a pair of pins (30) to be fitted in respective tubular bushings (20) affixed to each lateral wall (14) of the cabinet (10), said support member (40) being configured to support, slidably, a lateral edge of an internal dividing means of the cabinet (10).
10. The mounting arrangement as set forth in claim 9, characterized in that the internal dividing means take the form of shelves.
11. The mounting arrangement as set forth in claim 9, characterized in that the internal dividing means take the form of compartments.